



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3018

Europäisches
Patentamt

European
Patent Office

Office européen
des brevets

NIXON & VANDERHYE P.C.

Zweigstelle
in Den Haag

Branch at
The Hague

Département à
La Haye

201 JUL 15 AM 11:25

NIXON & VANDERHYE P.C.
Attn. Mr John R. Lastova
1100 North Glebe Road
Suite 800
Arlington, Virginia 22201-4714
UNITED STATES OF AMERICA

Aktenzeichen/File No./No. du Dossier

RS 108062 US

Datum/Date

11. 07. 02

Das Europäische Patentamt übermittelt hiermit den Standardrecherchenbericht zu dem unten bezeichneten Antrag; Kopien der im Recherchenbericht angeführten Schriften werden in der Anlage beigelegt.

The European Patent Office herewith transmits the Standard Search Report relating to the request indicated below; copies of the documents cited in the search report are enclosed.

L'Office Européen des Brevets à l'honneur de vous transmettre ci-joint le Rapport de Recherche concernant la demande désignée ci-dessous; des copies des documents cités sont jointes.

Zeichen und Datum des Antrages Applicant's reference and date Références et date de la demande	3891-5
Dokument, Gegenstand der Recherche Document subject of the search Objet de la recherche	USA 988225
Einreichungstag Filing date Date de dépôt	19/11/2001
Beanspruchte Priorität Priority claimed Priorité revendiquée	

OFFICE EUROPÉEN DES BREVETS
Pour le Vice-Président,

S. Reid



European Patent
Office

STANDARD SEARCH REPORT

File
RS 108062

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 5 602 903 A (LEBLANC FREDERICK W ET AL) 11 February 1997 (1997-02-11) * column 7, line 47 - column 8, line 19 * * column 9, line 4 - line 19 * * column 25, line 34 - line 46 * * column 25, line 50 - line 61 * * abstract *	1,5,18, 22
A	---	12
A	US 5 058 200 A (HUANG CHIA-CHI ET AL) 15 October 1991 (1991-10-15) * abstract * * column 3, line 19 - line 41 * * claim 1 * -----	1-32
		TECHNICAL FIELDS SEARCHED (Int.CL.7)
		H04Q
The present search report has been drawn up for all claims		
Date of completion of the search		Examiner
9 July 2002		Dionisi, M
CATEGORY OF CITED DOCUMENTS		
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document		

1

EPO FORM 1503 03.82 (P04C17)



DOCUMENTS CONSIDERED TO BE RELEVANT														
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim												
X	US 5 602 903 A (LEBLANC FREDERICK W ET AL) 11 February 1997 (1997-02-11) * column 7, line 47 - column 8, line 19 * * column 9, line 4 - line 19 * * column 25, line 34 - line 46 * * column 25, line 50 - line 61 * * abstract *	1,5,18,22												
A	---	12												
A	US 5 058 200 A (HUANG CHIA-CHI ET AL) 15 October 1991 (1991-10-15) * abstract * * column 3, line 19 - line 41 * * claim 1 * -----	1-32												
		TECHNICAL FIELDS SEARCHED (Int.CL.7)												
		H04Q												
The present search report has been drawn up for all claims														
Date of completion of the search 9 July 2002		Examiner Dionisi, M												
<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS</td><td>T : theory or principle underlying the invention</td></tr><tr><td>X : particularly relevant if taken alone</td><td>E : earlier patent document, but published on, or after the filing date</td></tr><tr><td>Y : particularly relevant if combined with another document of the same category</td><td>D : document cited in the application</td></tr><tr><td>A : technological background</td><td>L : document cited for other reasons</td></tr><tr><td>O : non-written disclosure</td><td>& : member of the same patent family, corresponding document</td></tr><tr><td>P : intermediate document</td><td></td></tr></table>			CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention	X : particularly relevant if taken alone	E : earlier patent document, but published on, or after the filing date	Y : particularly relevant if combined with another document of the same category	D : document cited in the application	A : technological background	L : document cited for other reasons	O : non-written disclosure	& : member of the same patent family, corresponding document	P : intermediate document	
CATEGORY OF CITED DOCUMENTS	T : theory or principle underlying the invention													
X : particularly relevant if taken alone	E : earlier patent document, but published on, or after the filing date													
Y : particularly relevant if combined with another document of the same category	D : document cited in the application													
A : technological background	L : document cited for other reasons													
O : non-written disclosure	& : member of the same patent family, corresponding document													
P : intermediate document														

ANNEX TO THE STANDARD SEARCH REPORT NO.

RS 108062

This annex lists the patent family members relating to the patent documents cited in the above-mentioned search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-07-2002

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5602903	A	11-02-1997	US	5768686 A	16-06-1998
			US	5960341 A	28-09-1999
<hr/>					
US 5058200	A	15-10-1991	CA	2042275 A1	05-12-1991
<hr/>					